

CLAIM AMENDMENTS

1 - 16. Canceled.

1 17. (currently amended) An apparatus for longitudinally
2 cutting a moving material web, in particular a paper or cardboard
3 web or a plastic or metal foil with one or more pairs of circular
4 blades at least one of which has a blade body that has a steel
5 cutting edge, at least a surface of the cutting edge being coated
6 by means of a plasma-aided method with foreign ions to a depth
7 between 50 μm and 500 μm .

1 18. (previously added) The web-cutting apparatus
2 defined in claim 17 wherein the depth is between 100 μm and 200 μm .

3 19. (previously added) The web-cutting apparatus
4 defined in claim 17 wherein at least the cutting edge has a hard-
5 ness of 800 HV to 1300 HV without impairing ductility.

1 20. (previously added) The web-cutting apparatus
2 defined in claim 19 wherein the hardness is between 900 HV and
3 1200 HV.

1 21. (previously added) The web-cutting apparatus
2 defined in claim 17 wherein at least the cutting edge is formed of
3 a heat-treated steel, a high-speed steel, or a tool steel.

1 22. (previously added) The web-cutting apparatus
2 defined in claim 17 wherein the entire blade body is formed of a
3 heat-treated steel, a high-speed steel, or a tool steel.

1 23. (previously added) The web-cutting apparatus
2 defined in claim 17 wherein the foreign ions are of nitrogen,
3 carbon, molybdenum, tungsten, and/or titanium.

1 24. (previously added) The web-cutting apparatus
2 defined in claim 23 wherein a portion molybdenum or tungsten ions
3 in the foreign ions is greater than a portion of titanium ions.